INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
( Not for submission under 37 CFR 1.99)

Application Number		10547207	
Filing Date		2005-08-26	
First Named Inventor	Paul A	Andrew Hamblin	
Art Unit		1609	
Examiner Name	Meera Natarajan		
Attorney Docket Numb	per VB60033		

	U.S.PATENTS Remove							
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date			imns,Lines where assages or Relevant pear	
/M.N./	1	5989552	A	1999-11-23	McKenzie			
/M.N./	2	6177256	B1	2001-01-23	McKenzie			
/M.N./	3	6548643	B1	2003-04-15	McKenzie			
If you wis	h to a	dd additional U.S. Paten	t citatio	n information pl	ease click the Add button.	Α	dd	
			U.S.P	ATENT APPLI	CATION PUBLICATIONS	Rer	nove	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document		imns,Lines where assages or Relevant pear	
/M.N./	1	20060062798	A1	2006-03-23	Burden et al.			
/M.N./	2	20060251665	A1	2006-11-09	Burden et al.			
/M.N./	3	20070042047	A1	2007-02-22	Hamblin et al.			

(Not for submission under 37 CFR 1.99)

Application Number		10547207
Filing Date		2005-08-26
First Named Inventor	Paul A	Andrew Hamblin
Art Unit		1609
Examiner Name	Meera	Natarajan
Attornov Dooket Numb	or	VR60033

	4	20030133909	A1	2003-07	<b>'-17</b>	Crowe et al.		i i
If you wis	h to a	dd additional U.S. Pub	lished A					
				FOREIG	GN PAT	ENT DOCUM	IENTS	Remove
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Countr Code <sup>2</sup>		Kind Code4	Publication Date	Name of Patentee Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/M.N./	1	0157068	wo		A1	2001-08-09	The Austin Researd Institute	th
/M.N./	2	0006723	wo		A1	2000-02-10	Yeda Research and Development Comp Ltd at the W	
/M.N./	3	0118035	wo		A2	2001-03-15	Transgene S.A.	
/M.N./	4	95018145	wo		A1	1995-07-06	The Austin Researc	ch
/M.N./	5	97011715	wo		A1	1997-04-03	The Austin Researd Institute	ch
/M.N./	6	9940881	wo		A2	1999-08-19	Bastert, Gunther	
/M.N./	7	0146228	wo		A2	2001-06-28	Glaxo Group Limite	d $\Box$
/M.N./	8	0220598	wo		A1	2002-03-14	McGuckin, Michael Andrew; Williams, Stephanie Jane	

(Not for submission under 37 CFR 1.99)

Application Number		10547207
Filing Date		2005-08-26
First Named Inventor	Paul /	Andrew Hamblin
Art Unit		1609
Examiner Name	Meera	a Natarajan
Attorney Docket Numb	er	VB60033

	_	1	T		1	T T		1	
/M.N./	9	03031569	wo	A2	2003-04-17	Centocor, Inc.			
/M.N./	10	05051991	wo	A2	2005-06-09	Sidney Kimmel Cancer Center			
/M.N./	11	05058950	wo	A2	2005-06-30	Sidney Kimmel Cancer Center			
/M.N./	12	2005058937	wo	A2	2005-06-30	Government of the United States of America, as rep			
If you wis	h to a	dd additional Foreign	Patent Docun	nent citatio	n information p	lease click the Add button	Add		
			NON-PA	ATENT LIT	ERATURE DO	CUMENTS	Remove		
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							
/M.N./	FONG AND HUI; Generation of potent and specific cellular immune responses via in vivo stimulation of dendritic cells by pNGVL3-hFLex plasmid DNA and immunogenic peptides; Gene Therapy; 2002; 9; 1127-1138;								
/M.N./	2		JOHNEN ET A; Long-term tumor growth suppression in mice immunized with naked DNA of the human tumor antigen mucin (MUC1); Cancer immunology and immunotherapy; 2001; 50; 356-360;						
/M.N./	3	KAMATA ET AL; Vaccination of mice with MUC1 cDNA suppresses the development of lung metastases; Clinical and Experimental Metastasis; 2002; 19; 689-696;							
/M.N./	4	KONTANI ET AL; Novel vaccination protocol consisting of injecting MUC1 DNA and nonprimed dendritic cells at the same region greatly enhanced MUC1-specific antitumor immunity in a murine model; Cancer Gene Therapy; 2002; 9; 330-337;							
/M.N./	5	vaccination with MUC	PECHER AND FINN; Induction of cellular immunity in chimpanzees to human turnor-associated antigen mucin by vaccination with MUC-1 cDNA-transfected Epstein-Barr virus-immortalized autologous B cells; Proceedings of the National Academy of Science USA; 1996; 93; 1699-1704;						

( Not for submission under 37 CFR 1.99)

Application Number		10547207
Filing Date		2005-08-26
First Named Inventor	Paul /	Andrew Hamblin
Art Unit		1609
Examiner Name	Meera	a Natarajan
Attornov Dooket Numb		VB60033

/M.N./	6	speci	ROCHLITZ ET AL; Phase 1 immunotherapy with a modified vaccinia virus (MVA) expressing human MUC1 as antigen- specific immunotherapy in patients with MUC1-positive advanced cancer; The Journal of Gene Medicine; 2003; 5; 590-699;					
/M.N./	7 SCHOLL ET AL; Recombinant vaccinia virus encoding human MUC1 and IL2 as immunotherapy in patients with breast cancer; Journal of Immunotherapy; 2000; 23/5; 570-580;							
/M.N./	8	mole		at combines the expression of MUC1 and B7 co-stimulatory the appearnace of mouse mammary tumors; Clinical and				
If you wis	h to a	add add	ditional non-patent literature document cita	tion information please click the Add button Add				
			EXAMINER	SIGNATURE				
Examine	r Sign	ature	/Meera Natarajan/	Date Considered 02/27/2008				
				ion is in conformance with MPEP 609. Draw line through a of this form with next communication to applicant.				

See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

( Not for submission under 37 CFR 1.99)

Application Number		10547207
Filing Date		2005-08-26
First Named Inventor	Paul /	Andrew Hamblin
Art Unit		1609
Examiner Name	Meera	a Natarajan
Attaman Danies Normale		VDC0022

#### CERTIFICATION STATEMENT

Please see	37 CFR 1	1 97 and 1 98	to make the	annronriate	selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1,97(e)(1).

#### OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.37(e)(2).

See attached certification statement.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

NI.

### SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Virginia G. Campen/	Date (YYYY-MM-DD)	2007-08-02
Name/Print	Virginia G. Campen	Registration Number	37,092

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22314-1450.

### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement necotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
  - A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.